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JCS53 U.S. PTO

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. MFL-001

First Named Inventor Chris Friedl

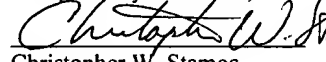
Title METHOD AND APPARATUS FOR MODELING  
INJECTION OF A FLUID IN A MOLD CAVITY**APPLICATION ELEMENTS**ADDRESS TO: **Box Patent Application**  
Assistant Commissioner for Patents  
Washington, D.C. 202311. ☒ No authorization for payment of fee and no Fee  
Transmittal Form enclosed**ACCOMPANYING APPLICATION PARTS**2. ☒ Specification and Drawings [Total Pages 92]  
- Specification and cover page - (55 pages)  
- Claims - (5 pages)  
- Abstract - (1 page)  
- Sheets of Informal Drawings - (31 sheets)7. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)  
☐ Power of Attorney8. ☐ English Translation Document (if applicable)9. ☐ Information Disclosure Statement (IDS)/PTO-1449  
☐ Copies of IDS Citations3. ☐ Oath or Declaration [Total Pages ]  
a. ☐ Newly executed (original)  
b. ☐ Copy from a prior application (37 CFR  
1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 4 below]10. ☐ Preliminary Amendment  
☐ Drawings [Total Sheets ]  
☐ Letter to Official Draftsperson Including  
Drawings [Total Pages ]11. ☒ Return Receipt Postcard4. ☐ Incorporation by Reference (usable if Box 3b is checked)  
The entire Disclosure of the prior application, from  
which a copy of the oath or declaration is supplied  
under Box 3b, is considered as being part of the  
disclosure of the accompanying application and is  
hereby incorporated by reference therein.12. ☐ Small Entity Statement(s)  
☐ Statements filed in prior application,  
(Status still proper and desired)13. ☐ Certified Copy of Priority Document(s)5. ☐ Microfiche Computer Program (Appendix)14. ☐ Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in  
the prior application.6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
☐ Computer Readable Copy  
☐ Paper Copy (identical to computer copy)  
☐ Statement verifying identity of above copies15. ☒ Patent Application Data Entry Form16. ☐ Other:17. ☐ If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application Serial No. \_\_\_\_\_

Priority to the above application(s) is claimed under 35 U.S.C. 120.

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

18. ☐ Priority - 35 U.S.C. 119☐ Priority of provisional application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_ is claimed under 35 U.S.C. 119.☐ The certified copy has been filed in prior U.S. application Serial No. \_\_\_\_\_/\_\_\_\_\_ on \_\_\_\_\_.☐ The certified copy will follow.**CORRESPONDENCE ADDRESS**Direct all correspondence to: Patent Administrator  
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Respectfully submitted,

  
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